

Course: IDC30 Interdisciplinary Studies: Artificial Intelligence and Business Innovation
Day 4 - March 6th, 2026

Objective:

1. Students to complete an online Profile in Moodle.
2. What is Sustainability?
3. What is Deep Learning?
4. What is Critical Thinking?

Definition:

Critical thinking: - is the process of:

1. Identifying or formulating a problem,
2. Seeking possible solutions
3. Executing and testing different possible solutions controlled experiments
4. Determining the best possible solution based on observations.

Typical Critical Thinking method: is the scientific method.

Scientific Method: Systematic Method:

- 1) Ask a question/Make an observation,
- 2) Conduct research,
- 3) Form a hypothesis,
- 4) Test with an experiment,
- 5) Analyze data,
- 6) Draw conclusions, and
- 7) Communicate results.

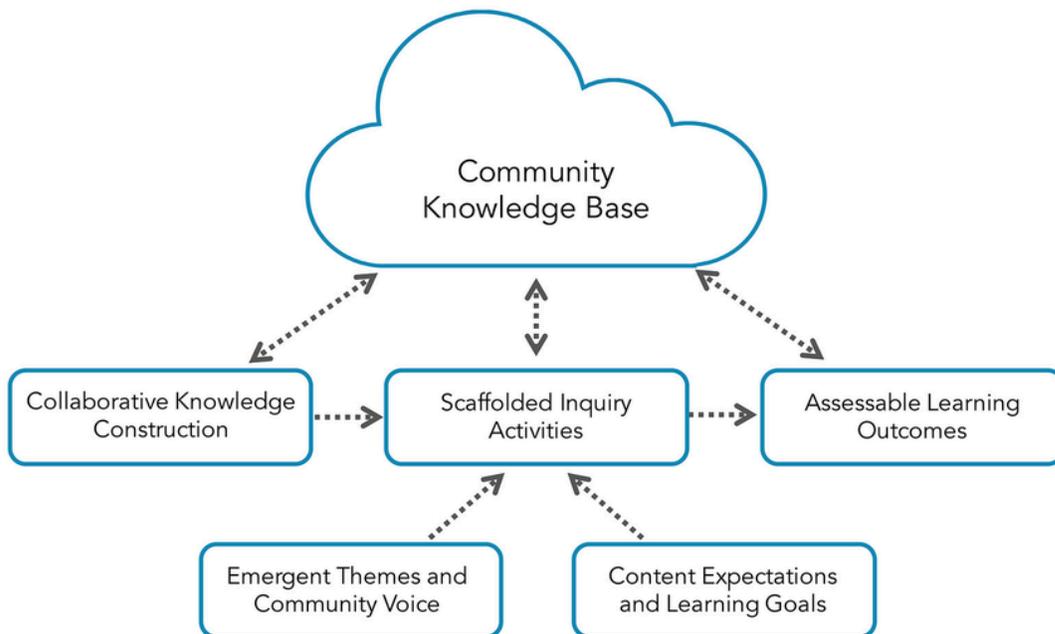
Definition:

Sustainability:- **Sustainability** means using resources in a way that **meets our needs today** *without* harming the ability of **future generations** to meet their own needs.

To sustain life we need critical resources:

Resources: **food, water, electricity.**

ChatGPT generated resources: **Water, energy, forests, soil, animals**



Teams:

Team 1: Kathy Team: Kathy, Hannie, Jane, Roland

Resource: Water

Team 2: Jaden Team: Jaden, Jon, Lorenz

Resource: Soil

Team 3: Joe

Resource: Think about which resource.